Procedure 1.0

"Editing Station ID and Antenna Tracking Slopes"

PROCEDURE for EDITING



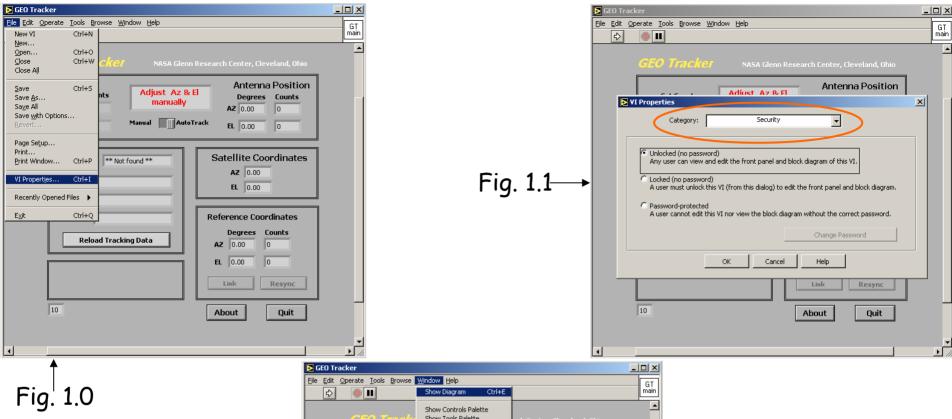
) <u>Start program</u> - double click on the GEOTracker shortcut in the desktop (Lab View will be launch and the program will start by itself - this window is the 'Front Panel')

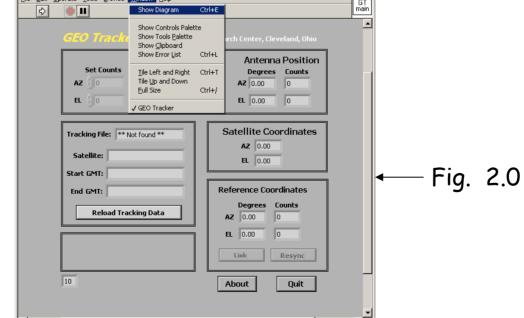


- 2) Select the satellite to track GBS,
- 3) Set the program to manual mode
- 4) Press Quit > Yes
- 5) <u>Go to</u>: File > VI properties > Category: Security > check 'unlocked' > press 'Ok' (see <u>fig. 1.0 & 1.1</u>)
- 6) Go to: Windows > Show diagram (Fig. 2.0)
 (The new window is the 'Block Diagram')
 - To edit the Station ID HUM (see Fig. 3.0)
 (If cursor is not a 'hand' press the Tab key in the keyboard until it shows the 'hand')

PROCEDURE for EDITING

- 7) To edit the Az CPD & El CPD corresponding to the desire satellite GBS (see Fig. 3.0)
- 8) Close Block Diagram window: File > close
- 9) In the 'Front Panel' Go to: File > VI properties > Category: Security > check 'Locked (No password)' > press 'Ok' (Fig. 1.0, 1.1)
- 10) Go to: File > Save asterisk will disappear from window filename
- 11) Run program by pressing the run button play arrow (Fig. 3.0)





Window filename (asterisk shows – 'unsaved' file) 🕟 GEO Tracker [GTmain.vi] Diagram * File Edit Operate Tools Browse Window Help GT 13pt Application Font 도 등 등 등 등 main Run Buttons ◀ 0, Default 🔻 Time Initialization Station name: HUM buffer 64 → Port ዬር:\GEOTracker GTprog SERIAL PORT GoTo's 2 %C:\GEOTracker\TracFiles Baud 9600 GTtrac RefAzCnt 10 %D:\GEOTracker\TracFiles ZipTrac Data bits 7 **Station ID** 0.00 Stop bits #1 bit RefElCnt Parity • even parity AzCnt **ElCnt** → GTprog Read Year Get Ref 3 F DoY ElCntRef Time TimeNow SatNum Update NextMove Com1 = 0 0Port Satellite-specific counts per degree ₹ 🕝 ... 🏟 0.00 1 Alerts Az CPD El CPD 23.82 34.32 2 manAZ 23.82 34.32 100 SatEl Disabled 23.82 34.32 manEL AutoTrac Reload Disabled Link AZcnts Link FI32 0.00 ₹ 🖬 …🎄 ELcnts Resync Resync Az & EL Slopes **E** Counts per Degree (CPD)

Fig 3.0 - Block Diagram